FORM D

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM D

NOTICE OF SALE OF SECURITIES PURSUANT TO REGULATION D, SECTION 4(6), AND/OR

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OMB	APPRO'	VAL.	\neg	
OMB Num		3235-00		
Expires:	April 3	30,200	3	
Latina and		hurdon	_	

OWR APPROVAL								
OMB Num			5-0076					
Expires: Estimated	April	30,2	2008					
Estimated	averag	e bur	den					
hours per r	espons	se	16.00					
			<u> </u>					
1 620	LISE OF	MV/						

UNIFORM LIMITED OFFERING EXE	1 1 2 1 7
Name of Offering (check if this is an amendment and name has changed, and indicate change.)	2007
Filing Under (Check box(es) that apply): Rule 504 Rule 505 Rule 506 Section Type of Filing: New Filing Amendment	PROCESSED 161 SECTION
A, BASIC IDENTIFICATION DATA	DEC 3 1 2007
1. Enter the information requested about the issuer	
Name of Issuer (check if this is an amendment and name has changed, and indicate change.) Mitralign, Inc.	THOMSON THOMSON
Address of Executive Offices (Number and Street, City, State, Zip Code	e) Telephone Number (Including Area Code)
3 Highwood Drive, Tewksbury MA 01876	(978) 863-2400
Address of Principal Business Operations (Number and Street, City, State, Zip Cod (if different from Executive Offices)	Telephone Number (Including Area Code)
Brief Description of Business	
	i (1811) Bayya barya bayar akuba dikaba dikaba dikuba dikuba bayar bara
Type of Business Organization corporation	O7086330
Month Year Actual or Estimated Date of Incorporation or Organization: 09 03 Actual Education of Incorporation or Organization: (Enter two-letter U.S. Postal Service abbreviation for S	Stimated State:

GENERAL INSTRUCTIONS

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C.

When To File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.

Where To File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.

Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

Information Required: A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

Filing Fee: There is no federal filing fee.

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

- attention -

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predictated on the filing of a federal notice.

		A. BASIC ID	ENTIFICATION DATA		
2. Enter the information re-	quested for the fol	lowing:			
Each promoter of the second control of	ne issuer, if the iss	suer has been organized v	vithin the past five years;		
Each beneficial own	ner having the pow	er to vote or dispose, or d	irect the vote or disposition	of, 10% or more of	a class of equity securities of the issuer
• Each executive offi	cer and director o	f corporate issuers and of	corporate general and mai	naging partners of p	partnership issuers; and
Each general and m	anaging partner o	f partnership issuers.			
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	✓ Director	General and/or
Check Box(es) that Apply.	Fromoter	Beneficial Owner	Executive Officer	✓ Director	Managing Partner
Full Name (Last name first, if	individual)	,	,		
Elka Nir					
Business or Residence Addres c/o Giza Venture Fund, R	•		·	2, Tel Aviv Isreal	
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, if	individual)				
Jeffrey Barnes					
Business or Residence Addres	s (Number and	Street, City, State, Zip C	ode)		
c/o Oxford BioScience Par	tners, 222 Berk	eley St., Suite 1650, E	Boston MA 02116		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, if John MacMahon	individual)				.,
Business or Residence Addres	s (Number and	Street, City, State, Zip C	ode)		
c/o Mitralign, Inc., 3 Highw	ood Drive, Tew	ksbury, MA 01876			
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	✓ Director	General and/or Managing Partner
Full Name (Last name first, if	individual)				
Richard Geoffrion					
Business or Residence Addres	s (Number and	Street, City, State, Zip C	ode)		·
c/o Accelerated Technolo	gies, Inc., Cont	inental Plaza, 401 Had	ckensack Avenue, 9th I	Floor, Hackensac	k NJ 07601
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	☑ Director	General and/or Managing Partner
Full Name (Last name first, if Martien van Osch	individual)				
Business or Residence Addres c/o Forbion Capital Partne		Street, City, State, Zip Co Ilerlaan 10 (HQ 4184)		The Netherlands	·
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	☑ Director	General and/or Managing Partner
Full Name (Last name first, if Carolyn J.L. Bates	individual)				
Business or Residence Addres c/o Triathlon Medical Ven	1	Street, City, State, Zip Co ridian St., Suite 810, I	/		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, if	individual)				
Business or Residence Addres	s (Number and	Street, City, State, Zip Co	ode)		
	(Use blar	ik sheet, or copy and use	additional copies of this sl	heet, as necessary)	

					В. І	NFORMAT	ION ABOU	T OFFERI	NG				
1.	1. Has the issuer sold, or does the issuer intend to sell, to non-accredited investors in this offering?										Yes	No 🔀	
				Ans	wer also ir	Appendix	, Column 2	t, if filing	under ULC	DE.		_	_
2.	What is	the minim	um investn	ent that v	vill be acce	pted from a	any individ	ual?				\$0.0	0
3.	3. Does the offering permit joint ownership of a single unit?											Yes	No T
4.												_	
	If a pers or states a broke	ssion or sims son to be lis s, list the na r or dealer	ilar remune ted is an ass ime of the b you may s	ration for sociated por roker or de tet forth th	solicitation erson or age ealer. If me	of purchase ent of a brok ore than five	ers in conne ter or deale e (5) persor	ection with r registered is to be list	sales of sed d with the S ed are asso	curities in t SEC and/or	he offering with a state sons of such	:	
Full	l Name (Last name	first, if ind	ividual)									
Bus	siness or	Residence	Address (N	lumber an	d Street, C	ity, State, 2	Cip Code)				=		
Nan	ne of As	sociated B	oker or De	aler									
Stat	tes in Wi	nich Persor	Listed Has	Solicited	or Intends	to Solicit	Purchasers			<u></u>			
			s" or check									□ AI	1 States
	ĀĹ	AK	AZ	AR	[CA]	CO	CT	[DE]	DC	FL	GA	НІ	[ID]
	(IL)	IN	IA	KS	KY)	LA	ME]	MD	MA	MI	MN	MS	MÖ
	MT	NE	NV	NH	NJ	NM	NY	NC	ND	ОН	OK	OR	PA
	RI	SC	SD	TN	TX	UT	VT	VA	WA	WV	WI	[WY]	PR
Full	l Name (Last name	first, if ind	ividual)									
Bus	siness or	Residence	Address (?	Number an	nd Street, C	City, State,	Zip Code)			<u> </u>			
Nan	ne of As	sociated Bi	oker or De	aler									
Stat	tes in Wh	nich Persor	Listed Has	Solicited	or Intends	to Solicit	Purchasers						
	(Check	"All States	or check	individua	l States)				•,			☐ Al	l States
	AL	AK	AZ	AR	CA	CO	CT	DE	DC	FL	GA	Hi	ID
	IL	ĪŊ	ĪA	KS	KY	LA	ME	MD	MA	MI	MN	MS	MO
	MT	NE	NV	NH	NJ	NM	NY	NC]	ND	OH	OK.	OR	PA
	RI	SC	[SD]	TN	ĨΧ	UT	VT)	V.A.	WA		W1	WY]	PR
Full	l Name (Last name	first, if indi	vidual)									
Bus	iness or	Residence	Address (1	Number an	d Street, C	ity, State, 2	Zip Code)						
Nan	ne of As	sociated Bi	oker or De	aler									
			oker or De		or Intends	to Solicit	Purchasers			_			
	tes in Wh	nich Persor		Solicited								A1	l States
	tes in Wh	nich Persor	Listed Has	Solicited					[DC]	FL	GA	Al	l States
	tes in Wh	nich Persor	Listed Has	Solicited	l States)							_	

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

1.	Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if the answer is "none" or "zero." If the transaction is an exchange offering, check this box and indicate in the columns below the amounts of the securities offered for exchange and already exchanged.		
	Type of Security	Aggregate Offering Price	Amount Already Sold
	Debt	3	\$
	Equity		
	Common 🗸 Preferred		<u> </u>
	Convertible Securities (including warrants)	3	\$
	Partnership Interests		
	Other (Specify)		
	Total		
	Answer also in Appendix, Column 3, if filing under ULOE.	, <u></u>	<u>,,,</u>
2.	Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."		Aggregate
		Number Investors	Dollar Amount of Purchases
	Accredited Investors	_	\$ 23,999,998.10
	Non-accredited Investors		\$
	Total (for filings under Rule 504 only)		\$_23,999,998.10
	Answer also in Appendix, Column 4, if filing under ULOE.		
3.	If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C — Question 1.		
		Type of	Dollar Amount
	Type of Offering	Security	Sold
	Rule 505		\$
	Regulation A		\$
	Rule 504		\$
	Total		\$ 0.00
4	a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the insurer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.		
	Transfer Agent's Fees		s
	Printing and Engraving Costs		\$
	Legal Fees	Z	\$
	Accounting Fees	42	s
	Engineering Fees	_	\$
	Sales Commissions (specify finders' fees separately)	_	\$
	Other Expenses (identify)		\$ 1,150.00
	Total	_	s 1,150.00

_	C. OFFERING PRICE, NUME	SER OF INVESTORS, EXPENSES AND USE OF I	RUCEEDS	
	b. Enter the difference between the aggregate offeri and total expenses furnished in response to Part C — 6 proceeds to the issuer."	Question 4.a. This difference is the "adjusted gross		\$_23,938,848.10
5.	Indicate below the amount of the adjusted gross pro- each of the purposes shown. If the amount for any check the box to the left of the estimate. The total of proceeds to the issuer set forth in response to Part	y purpose is not known, furnish an estimate and the payments listed must equal the adjusted gross		
			Payments to Officers, Directors, & Affiliates	Payments to Others
	Salaries and fees		\$	_ 🗆 \$
	Purchase of real estate		\$	
	Purchase, rental or leasing and installation of mach	hinery		
	and equipment		_	_
	Construction or leasing of plant buildings and faci		<u> </u>	
	Acquisition of other businesses (including the valu offering that may be used in exchange for the asset issuer pursuant to a merger)	ts or securities of another	\$	
	Repayment of indebtedness			
	Working capital	•	_	_
	Other (specify):			_
			 \$	_ 🔲 \$
	Column Totals		<u>\$ 0.00</u>	x \$ 23,999,998.
	Total Payments Listed (column totals added)		\$ <u>_</u> 2	3,999,998.10
		D. FEDERAL SIGNATURE		
sign	issuer has duly caused this notice to be signed by the cature constitutes an undertaking by the issuer to furninformation furnished by the issuer to any non-accordance.	hish to the U.S. Securities and Exchange Commis	sion, upon writt	
	er (Print or Type)	Signstate //	Date	
	ralign, Inc.	<i>\``.() </i>	December <u>Io</u> , 2	2007
	ne of Signer (Print or Type)	Title of Signer (Print or Type)		
	k Omilanowicz	Treasurer and Secretary		
		rreasurer and Secretary		

- ATTENTION -

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)

	E. STATE SIGNATURE										
1.	Is any party described in 17 CFR 230.262 presently subject to any of the disqualification provisions of such rule?	Yes	No ⋉								
	See Appendix, Column 5, for state response.										
2.	The undersigned issuer hereby undertakes to furnish to any state administrator of any state in which this notice is filed a notice on Form D (17 CFR 239.500) at such times as required by state law.										
3.	The undersigned issuer hereby undertakes to furnish to the state administrators, upon written request, information furnished by t issuer to offerees.										
4.	The undersigned issuer represents that the issuer is familiar with the conditions that must be satisfied to be entilimited Offering Exemption (ULOE) of the state in which this notice is filed and understands that the issuer clair of this exemption has the burden of establishing that these conditions have been satisfied.										
	uer has read this notification and knows the contents to be true and has duly caused this notice to be signed on its behal othorized person.	f by the	undersigned								
ssuer ((Print or Type) Signature Date										
/litraligi	n, Inc.	007									
Vame (I	Print or Type) Title (Print or Type)		·								

Treasurer and Secretary

Name (Print or Type) Dick Omilanowicz

Print the name and title of the signing representative under his signature for the state portion of this form. One copy of every notice on Form D must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

APPENDIX 2 3 4 1 Disqualification Type of security under State ULOE (if yes, attach Intend to sell and aggregate to non-accredited offering price Type of investor and explanation of amount purchased in State offered in state waiver granted) investors in State (Part C-Item 2) (Part E-Item 1) (Part B-Item 1) (Part C-Item 1) Number of Number of Series C Non-Accredited Accredited Preferred State Yes No Investors Amount Investors Amount Yes No ALΑK ΑZ AR CACO CTDE DC FL GΑ Hl ID IL \$1,833,332.80 \$1,833,332.80 IN IA KS ΚY LA ME MD Χ \$3,116,666.80 MΑ 2 \$3,116,666.80 ΜI \$4,499,999.40 \$4,499,999.40 Х MN MS

APPENDIX 5 2 3 1 Disqualification under State ULOE Type of security (if yes, attach Intend to sell and aggregate Type of investor and explanation of to non-accredited offering price waiver granted) investors in State offered in state amount purchased in State (Part C-Item 2) (Part E-Item 1) (Part B-Item 1) (Part C-Item 1) Number of Number of Accredited Non-Accredited Yes No Investors Investors Yes No State Amount Amount \$2,814,869,90 \$2,999,999.60 МО Х 4 MTNE NV NH Х \$7,500,000.30 NJ \$7,500,000.30 NM NY NC ND OH OK OR PA RI SC SD TN TX UT VT VAWA WV WI

	APPENDIX										
l		2	3		4						
	to non-a	to sell accredited is in State -Item 1)	Type of security and aggregate offering price offered in state (Part C-Item 1)		Type of investor and amount purchased in State (Part C-Item 2)				ate ULOE , attach ation of granted) -Item 1)		
State	Yes	No		Number of Accredited Investors	Accredited Non-Accredited				No		
WY							_	****			
PR											

